SAU 1607 163,4 Af 4/4/00 PATENT27373/36066#

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Radoje Drmanac, et al.

Serial No: 08/619,649

Filed: March 27, 1996

Title: Methods and Compositions for Efficient Nucleic Acid Sequencing

Group Art Unit: 1807

Examiner: Unknown

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned attorney of record in the above-identified application hereby appoints as Agent Nabeela R. McMillian (43,363) to prosecute this application, to make alterations or amendments therein, and to transact any and all business in the Patent and Trademark Office connected therewith.

Hereafter, please address all communications to:

Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6402

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6402 (312) 474-6300

By:

Li-Hsien Rin-Laures, M.D.

Reg. No: 33,547



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

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POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

ARCH DEVELOPMENT CORPORATION, the assignee of record of the entire interest in the above-identified application, as set out on Reel 8007, Frame 0058, hereby revokes all Powers of Attorney previously given in this application.

The following attorneys are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected herewith: Alvin D. Shulman (19,412), Allen H. Gerstein (22,218), Nate F. Scarpelli (22,320), Edward M. O'Toole (22,477), Michael F. Borun (25,447), Trevor B. Joike (25,542), Carl E. Moore, Jr. (26,487), Richard H. Anderson (26,526), Patrick D. Ertel (26,877), James P. Zeller (28,491), William E. McCracken (30,195), Richard A. Schnurr (30,890), Anthony Nimmo (30,920), Christine A. Dudzik (31,245), Jeffrey S. Sharp (31,879), Martin J. Hirsch

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I have reviewed the Assignment documents, and to the best of assignee's knowledge and belief, title is in the assignee seeking to take action.

Send correspondence and direct telephone calls to: Li-Hsien Rin-Laures Registration No. 33,547, Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402, telephone number (312) 474-6300.

Alan Thomas
Director of Licensing
ARCH DEVELOPMENT CORPORATION

By

Date: February 2, 2000